IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 17 1989.

In re Applicant

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CHING-WU CHU

Serial No. 032,041

Filed: March 26, 1987

For: SUPERCONDUCTIVITY IN SQUARE-PLANAR COMPOUND SŶSTEMS

Examiner Dennis Albrecht

Group Art Unit 111

AMENDMENT

Commissioner of Patents and Trademarks Washington, D.C. 20231

Dear Sir:

Please amend the above identified application as follows:

IN THE CLAIMS

Please add the following claim:

96. A crystalline phase composition exhibiting zero electrical resistance at a temperature of 70°K or higher, comprising

 $A_1B_2Cu_3O_v$

wherein A is selected from the group consisting of:

- (a) Sc, Y, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Do, Er, Tm, Tb, Lu or mixtures thereof;
- (b) a mixture of at least two elements selected from Y, La, Lu, Sc, and Yb;

and "y" is a value that provides the composition with zero electrical resistance at a temperature of 70°K or above.